

Case Study: Resin Flooring

Unipart Group Showpiece HSS Fuel Cell Area

Client: Unipart Group and HSS

Project: Industrial Refurbishment

Commenced: October 2016

Completed: October 2016

Area Coverage: 1000m²



Project Description

Resin floor coverings had presented many problems in the past for Unipart House in Cowley, Oxfordshire, due to the fact that the majority of their substrate was made from asphalt. As this expands and contracts in different temperatures, it can often force bonded floor coverings to crack and ultimately de-bond.

Unipart asked Zenith to specify and design a unique system cable of bonding to the asphalt, with the characteristics to withstand both industrial and foot traffic. In particular, they wished to create a 'showpiece' area, measuring 1000m², for displaying to clients, calling for a solution that provided a totally seamless, durable finish, which could be guaranteed for a number of years.

Initially, Zenith utilised Uzin's NC160 smoothing compound in conjunction with Uzin's RR201 fibreglass reinforcement. This provided a loosely laid mesh that dispersed into the smoothing compound when laid, ensuring the strength and characteristics necessary to work on the asphalt substrate and providing a suitable base for the resin finish.

Products & Systems Used

Uzin PE 414

Uzin NC160

Uzin RR201 fibreglass reinforcement

Arturo EP 6601 primer

Arturo EP 2500 self-smoother

Arturo PU 7900 satin seal coat



Further images are featured on the following page.

“Zenith Contract Services Limited provided a specification that allowed us to refurbish our floor without the need for prolonged shutdown. We have experienced many problems in the past with resin floor coverings owing to the fact that a large majority of our substrate is asphalt. Zenith's specification allowed us to lay over the existing finish and ultimately shorten the programme. We are extremely happy with the service provided throughout the project and with the finish of the floor.”

Customer Feedback

Once the base had been primed, Zenith applied a 2mm Arturo EP 2500 epoxy self-smoothing resin system, producing a completely seamless, low maintenance, hardwearing finish, with an additional Arturo PU 7900 satin seal coating ensuring extra scratch resistance.





zenith

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